FILL IN THE BLANKS:

1. The number of prime numbers between 1 to 100 is ……
2. The smallest composite number is ………
3. The perimeter of a square = …… x side
4. There are 12 trucks and 5 cars. What is the ratio of trucks to cars?
5. …… is the amount of surface a figure covers.
6. A …… is a letter used to represent an unknown quantity.
7. A quantity whose value does not vary is called a ……

SOLVE:

8. The number of boys and girls in a school are 1168 and 1095 respectively. Express the ratio of the number of boys to that of the girls in the simplest form.
9. Give two equivalent ratios of 6: 8.
10. Compare $\frac{2}{8}$ & $\frac{1}{4}$
11. Arrange the following fractions in ascending order:

    $8\frac{2}{3},$ $\frac{44}{9},$ $\frac{7}{10},$ $\frac{3}{5}$
12. Write three pairs of twin primes below 20.
13. Identify the property used:

    a) $xy = yx$ b) $3 \times (p+q) = 3p + 3q$
14. Identify the rules for the following patterns:

X	1	2	3	4	10	20
Value	5	6	7	8	14	24

15. The floor of the hall is completely covered by 26 carpets, each measuring 4 m by 2.5 m. What is the area of the floor of the hall?
16. Venu jogs 5 times around a park which is 150 m long & 100 m wide. How much distance does he cover?
17. The length & breadth of a room are 650 cm & 450 cm respectively. Find the cost of flooring it at Rs 30 per sq. m
18. Given below is the information about the marks obtained by Rinu in 5 different subjects.

Subjects	Math	Eng	Hin	Sci	GK
Marks	100	20	30	40	50

Make a bar graph to show the marks of different subjects.

19. Find the missing value. $\dfrac{5}{12} = \dfrac{}{84}$

20. Reduce each of the following to its simplest form:

a) $\dfrac{15}{39}$ b) $\dfrac{10}{25}$ c) $\dfrac{52}{65}$

21. The perimeter of a rectangle is 186 cm & its length is 65 cm. Find the breadth.

22. Find the GCF of 4 & 12

23.

Job	Number of persons	Each 👤 = 3000 persons
Private service	👤👤👤👤👤👤	
Government service	👤👤👤👤👤👤👤👤👤👤👤	
Factory service	👤👤👤👤👤👤👤👤	

a) What is the number of persons employed in government service?

(b) How many more person were employed in government service than in private service?

(c) In which service, were the maximum number of persons employed?

24. The result of a Mathematics test is as follows:

80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60

Make a frequency table for the above data and answer the following questions:

(a) What is the maximum marks obtained?

(b) How many students score less than 75 marks?

(c) How many students scored 80 marks or above?

(d) How many students appeared in the test?

25. In a year, Seema earns ₹ 1,50,000 and saves ₹ 50,000. Find the ratio of

(a) Money that Seema earns to the money she saves

(b) Money that she saves to the money she spends.

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